

20010620.qrp v02_n226.qrl.20010620

Date: Wed, 20 Jun 2001 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2226

QRP-L Digest 2226

Topics covered in this issue include:

- 1) [100530] Duck Hunt
by Fran Flynn <fflynn@adelphia.net>
- 2) [100531] Re: QRP Dupe serial cable question
by Fran Flynn <fflynn@adelphia.net>
- 3) [100532] EPA-QRP-Club URL
by Richard Arland <rarland@earthlink.net>
- 4) [100533] Re: Digital Pictures
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 5) [100534] Re: Digital technical photographs on web pages
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 6) [100535] re: QRP Rigs For Sale
by Ed Kessler <edkess@pa.net>
- 7) [100536] Re: Digital Pictures
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 8) [100537] Re: Digital technical photographs on web pages
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
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by Michael Goins <mgoins@usa.net>
- 10) [100539] Re: QRP Rigs For Sale
by "Joe Roof" <jroof@mindspring.com>
- 11) [100540] Stackpole CeraMag Beads
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 12) [100541] G3RJV e-mail address?
by Richard Arland <rarland@earthlink.net>
- 13) [100542] Re: Snake Hunt?
by "Rick Tyler" <rp.tyler@worldnet.att.net>
- 14) [100543] Manhattan punch Another Source
by "David Porter" <aa3ur@home.com>
- 15) [100544] FT-840 User comments???
- by Mark Prather <wb9hfk@yahoo.com>
- 16) [100545] Re: FT-840 User comments???
- by "Karl B. Staddon" <ve6kbs@agt.net>
- 17) [100546] 4-Pole Filter Experiment
by Ed Kessler <edkess@pa.net>
- 18) [100547] LZ2RS/QRP on 14.060 @ 0440Z
by David Gauding <david.gauding@bbs.galilei.com>
- 19) [100548] Re: G3RJV e-mail address?

- by "Tony Fishpool" <g4wif@btinternet.com>
- 20) [100549] Re: seeking 2SK937s
by Junichi Nakajima <nakaji@crl.go.jp>
- 21) [100550] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>
- 22) [100551] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>
- 23) [100552] RE: Is there a best way to start building a kit?
by "Dan McLaughlin" <danmclaughlin@lycos.com>
- 24) [100553] Re: Digital Pictures
by "Dave Benson" <nn1g@earthlink.net>
- 25) [100554] Re: Digital Pictures
by Michael Bower <bowerm@ix.netcom.com>
- 26) [100555] Re: Digital Pictures
by "Randall Jouett" <rules@bellsouth.net>
- 27) [100556] Re: 4-Pole Filter Experiment
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 28) [100557] psk80 Warbler kit progress
by Nancy Rabel Hall <kc4iyd@yahoo.com>
- 29) [100558] Just in Time for Field Day
by Kenneth Hoglund <hoglund@wfu.edu>
- 30) [100559] Last nites NEQRP SSB NET
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 31) [100560] Still Looking For a Rig
by timcook@erinet.com
- 32) [100561] NEQRP SSB NET Tuesday nite
by "ss lyon" <sslyon@megalink.net>
- 33) [100562] RE: Is there a best way to start building a kit?
by Mark Brueggemann <markb@abq.com>
- 34) [100563] CQ Gary NQ7T
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 35) [100564] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>
- 36) [100565] RE: Digital Pictures
by "AI2Q Alex" <ai2q@adelphia.net>
- 37) [100566] 1 Volt Circuits
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 38) [100567] Where to Find NE602's....
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 39) [100568] Filter "Blow-by" and the New Ten-Tec IF-DSP QRP rig
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 40) [100569] Re: Digital Pictures
by Doug Person <DougPerson@attglobal.net>
- 41) [100570] RE: Digital Pictures
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 42) [100571] Meters almost gone...and a request
by Peter_Simpson@ne.3com.com
- 43) [100572] Re: Digital Pictures

by Bruce Muscolino <w6toy@erols.com>
44) [100573] Re: Digital Pictures
by Louis Hlousek <lhlousek@nvhbell.net>
45) [100574] Re: Digital Pictures
by "laura halliday" <marsgal42@hotmail.com>
46) [100575] looking for suitable substitute 2SK937
by Mighty Mik <mightymik2@home.com>
47) [100576] Re: Digital Pictures
by Rich Mulvey <rich@mulveyfamily.com>
48) [100577] Re: Digital Pictures
by "Mike Yetsko" <myetsko@insydesw.com>
49) [100578] someone asked me about sstv
by Joel M Denison <hamjoel@juno.com>
50) [100579] Re: Digital Pictures
by "Randall Jouett" <rules@bellsouth.net>
51) [100580] Re: Digital Pictures
by "Randall Jouett" <rules@bellsouth.net>
52) [100581] RE: Digital Pictures
by "Ed Tanton" <n4xy@att.net>
53) [100582] "Mars will appear larger, brighter on Thursday"
by RangerSF5@aol.com
54) [100583] Re: Digital Pictures
by "George, W5YR" <w5yr@att.net>
55) [100584] NVQS Field Day
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
56) [100585] Re: Filter "Blow-by" and the New Ten-Tec IF-DSP QRP rig
by "laura halliday" <marsgal42@hotmail.com>
57) [100586] Digital Pictures
by "Charles Mabbott" <crmabbott@mediaone.net>
58) [100587] Re: Filter "Blow-by" and the New Ten-Tec IF-DSP QRP rig
by "George, W5YR" <w5yr@att.net>
59) [100588] SMK-1 kits sold out
by WA6GER@aol.com
60) [100589] RE: is there a best way to start building a kit?
by "=?iso-8859-1?Q?Juan_Jos=E9_Pastor_Estornell?=" <ec5aca@wanadoo.es>
61) [100590] The Field Day Fiasco
by "Casey L. Ray" <clray@usc.edu>
62) [100591] FD computer logging/keying question
by "Dave Benham" <dodgeboy@mindspring.com>
63) [100592] 5A0HV QSL route? (also ducks and foxen)
by "Gary Lee Phillips" <ka9nzi@arrl.net>
64) [100593] Re: Digital Pictures
by Bruce Muscolino <w6toy@erols.com>
65) [100594] 2N2222 receiver
by "Delbert Long" <ad6we@hotmail.com>
66) [100595] Re: 2N2222 receiver
by Phil Wheeler <w7ox@earthlink.net>
67) [100596] Re: 2N2222 receiver

- by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 68) [100597] Re: Digital Pictures
by Michael Neverdosky <michaeln@cfl.rr.com>
- 69) [100598] Re: Digital Pictures
by Dave Fouchey <dafouchey@home.com>
- 70) [100599] Milliwatt Field Day & QRP Dupe Logger
by "Jim" <sunwatt@starband.net>
- 71) [100600] Re: is there a best way to start building a kit?
by "George, W5YR" <w5yr@att.net>
- 72) [100601] Re: 5A0HV QSL route? (also ducks and foxen)
by Bob Nielsen <nielsen@oz.net>

Date: Tue, 19 Jun 2001 20:16:26 -0300
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [100530] Duck Hunt
Message-ID: <3B2FDD4A.204891C6@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Watch out, I think the name Duck Hunt is trademarked by Nintendo.

Sorry, couldn't resist.

Date: Tue, 19 Jun 2001 20:21:19 -0300
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [100531] Re: QRP Dupe serial cable question
Message-ID: <3B2FDE6F.E539416E@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's very low current and voltage there, use whatever you have.
I think a 1n914 would work well, they have them at Radiosnack. Any
small silicon diode will do I'm sure, maybe even a germanium diode,
but I would save those for balanced ring detectors in homebrew rigs.

Comb through your junkbox.

>>>>

I recently downloaded the QRP Dupe zip file and am trying to wire up the hardware. One of the jpg files shows a handwritten schematic of the serial port connector with the 4N35, etc. There is a diode shown in this drawing but no identification for it. Is this a signal diode (1N4148, if I remember, is a common one) or is it a power diode? Or does it matter? It is going to pin 1 of the 4N35 which makes me think it might be a power diode, providing power to it.

Bottom line is, does anyone know what type of diode to use here? I'd like to get this wired before Field Day for a K2 outing.

Thanks in advance.

Dave K8TRF

Date: Tue, 19 Jun 2001 19:21:19 -0400
From: Richard Arland <rarland@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [100532] EPA-QRP-Club URL
Message-ID: <3B2FDE6F.39EF88F1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the July QRP Power there is a typo regarding the URL for the Eastern Pennsylvania QRP Club's web page.

The proper URL is: www.n3epa.org/

Sorry for the mix up. We didn't catch this prior to publication.

73 Rich K7SZ

Date: Tue, 19 Jun 2001 16:46:25 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'k7qo@earthlink.net'" <k7qo@earthlink.net>, "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [100533] Re: Digital Pictures
Message-ID: <87568F78ABDCD211A0AC0008C707718B058C2CC2@az10exm03.sat.mot.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

I found that the best way to take digital pictures of electronic boards is by using natural light. I go outside and place the object in the shade.

This does two good things. First, there is plenty of light. My digital camera seems to be a bit slow when used inside (1/8 of a second) without a flash. Outside has no problem. Secondly, there tends to be much less of a problem with reflections so things look more natural.

I have tried using a flash indoors, but find the reflections really mess up the look of the board. I agree that a diffuser may help.

I to have had the problem of getting right up close, and getting some parts in focus, and some out of focus. Now I am outdoors and have plenty of light, I back the camera off about 2 feet from the object and use the zoom to fill the screen. The added distance does a better job of keeping everything in focus.

At least it is a digital camera (I have a Nikon 990 CoolPix), so you can play a lot and instantly see what works and what does not. Using the manual mode and turning off the flash helps a lot for me.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Tue, 19 Jun 2001 18:49:22 -0500
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100534] Re: Digital technical photographs on web pages
Message-ID: <00ed01c0f91a\$7f8a2640\$6c713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Everybody,

In regards to QRP Web site photography, here are a couple of

sites that I have found useful:

1. For scanning traditional photographic images try:

<http://www.scantips.com> (see Scanning 101 and Scanning 201)

2. Digital camera basics try:

<http://www.dpreview.com/learn/>

Here are some of my own personal opinions regarding digital photography for the Web:

1. 640 x 480 is not high resolution by today's standards. Even 1024 x 768 isn't high resolution. This is of course relative but if you take an image using something like 1600 x 1200 resolution and then reduce the image size for the Web down to something like 300 x 200 by using Bilinear Resample in your favorite image processing software (Paint Shop Pro or similar) the image will be of much better quality. You'd have to see it to believe it.

2. Save the reduced photograph images in JPEG format but DO NOT overcompress. In Paint Shop Pro I use a Compression Factor of about 10 (some software will indicate 90% quality). This will still give about a 10:1 compression ratio without all of the visible artifacts that so many Web images have nowadays. It IS possible to have a high quality, yet small, JPEG image.

3. For schematics and/or cartoon type images you shouldn't use JPEG format because the sharp, distinct edges WILL have unacceptable artifacts. Use GIF format instead for these images.

4. The price of very good 2.1 megapixel (1600 x 1200) or greater cameras with good macro capability has come way down so check it out.

Have fun.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Date: Tue, 19 Jun 2001 20:22:01 -0400
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: "Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>
Subject: [100535] re: QRP Rigs For Sale
Message-ID: <5.0.2.1.0.20010619201544.00a359a0@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The DSWs and the VX-5 have been sold. Thanks for all who made offers.

The following are still for sale, and I've dropped the prices a bit.
SST-20 - \$80 (Tick 1 keyer installed, switched varactors tune from 14.050-14.063)
SW 40/20 Rig -\$100 (Tick 1 installed, this package is two stacked SW rigs with shared controls on the front and back panels, works great)
Sony 7600 Shortwave Receiver - \$100 (includes vinyl case, wind-up antenna, original packaging)
All rigs are in excellent cosmetic and electronic condition.
Shipping/Insurance should be around \$5.00 per item.
A photo of the SST and SW 40/20 can be seen at my website:
<http://www.qsl.net/aa3sj/Pages/Sale.html>

73s
Ed AA3SJ

Date: Tue, 19 Jun 2001 19:27:57 -0500
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100536] Re: Digital Pictures
Message-ID: <015a01c0f91f\$db44de80\$6c713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

The debate between digital cameras and "real" cameras is much like the debate between the Internet and CW.

I am certainly NOT an expert on cameras but I have had a lot fun and success with my little digital camera.

I have seen technology that allows high-end professional digital cameras to rival film cameras in resolution, even for poster size images. Most mortals simply can't afford them yet. Back down to earth though I have had pretty good success with my Canon PowerShot S100 2.1 megapixel camera for taking close-ups of my QRP gear. I think it's macro ability is pretty darn good. But no, I can't blow it up to poster size. I have a couple of examples here so as to judge for one's self:

<http://www.geocities.com/aa5tb/coupler03.jpg>

<http://www.geocities.com/aa5tb/38s006.jpg>

With a little more effort in the lighting department I think I could make them look pretty cool.

Nothing can take the place of the art and skill of film photography but digital photography has added a new dimension that has enabled some like myself to really get into photography that wouldn't of otherwise done so. I captured a bunch of really cool lightning photos last week with this same little shirt pocket camera that are plenty good enough for an 8 x 10 frame.

Of course, there is also A LOT more to a digital camera then just resolution.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Date: Tue, 19 Jun 2001 18:27:16 -0600

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100537] Re: Digital technical photographs on web pages
Message-ID: <006b01c0f91f\$c28c2240\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another good site: National Geographic

<http://www.nationalgeographic.com/infocentral/web/photo.htm#digital>

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

----- Original Message -----

From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, June 19, 2001 8:43 AM
Subject: Re: Digital technical photographs on web pages

> www.photo.net
> a very good site with lots of content
>

Date: 19 Jun 2001 19:40:25 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-1@lehigh.edu
Subject: [100538] looking for G0JJQ
Message-ID: <20010620004025.24016.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Need to get in touch with G0JJQ and I know he monitors the reflector. =

Thanks.

mike

wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Tue, 19 Jun 2001 21:20:59 -0400
From: "Joe Roof" <jroof@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100539] Re: QRP Rigs For Sale
Message-ID: <001b01c0f927\$4594e300\$c8c3fea9@joes>

If the DSW-30 is in the SWL Case I'll take it.

Please advise.

Joe W4JHR

Date: Tue, 19 Jun 2001 21:54:18 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [100540] Stackpole CeraMag Beads
Message-ID: <5.1.0.14.0.20010619215234.009f40b0@gly.fsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At Dayton, I purchased a whole bunch of ferrite beads from one of the flea market vendors. The beads were manufactured by the Stackpole Electronics Components Division in St Mary's Pa. The assortment came as a bunch of small plastic bags stapled to an 8.5 x 11 card. The card is labelled Ceramag bead kit. From the appearance, I would say that I am looking at late 70's-early 80's for a manufacture date. Part numbers were listed on the card next to the corresponding bag. Looks like the assortment may have started out as a developers kit. I can't find info on the part numbers anywhere on the web. Does anyone have old Stackpole data sheets? Can anyone tell me what mix I purchased?

The stackpole part numbers are:

57-0053

57-0180

57-0181
57-0257
57-1355
57-9464
57-3425
57-1658
57-1423
and 57-1393.

Thanks

Henry

Date: Tue, 19 Jun 2001 22:13:48 -0400
From: Richard Arland <rarland@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [100541] G3RJV e-mail address?
Message-ID: <3B3006DC.112FCC7C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My address book has what is apparently an old e-mail address for the Rt. Reverend Dobbs. Can anyone supply a current e-mail address for him, please?

73 Rich K7SZ

Date: Tue, 19 Jun 2001 22:24:14 -0400
From: "Rick Tyler" <rp.tyler@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [100542] Re: Snake Hunt?
Message-ID: <003301c0f930\$5eff25e0\$e0e2540c@user>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I'm holding out for the Snake Hunt! / WD9F

Funny you should mention that . . . I spent the better part of last weekend putting up a G5RV at our property out in the country . . . then took out my newly completed Ten-Tec 40meter qrp rig, and the Century 22 to boot . . . planned to run a few hours in the shade running off the 12 volt battery on my old Ferguson tractor . . . opened up the tractor hood to hook the radios up to the battery, and was greeted by a juvenile Timber Rattler who'd taken up residence in the tractor tool box. There've been mice in there before, so I figure he was getting a snack . . . needless to say, I closed the hood gingerly and packed everything up and went home . . . I'll qrp another day

WQ8Q

Date: Tue, 19 Jun 2001 22:52:31 -0400
From: "David Porter" <aa3ur@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100543] Manhattan punch Another Source
Message-ID: <00f301c0f934\$0d558d20\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found yet another source for the Manhattan hand powered sheet metal punch.

Northern Tool and Equipment Co.
P.O. Box 1499
Burnsville, MN 55337-0499

1 800 468 8298 for free catalog or to order 24 x7

<http://www.northernautosupply.com>

Sheet Metal Punch Item 14572-A638 \$17.99 plus shipping

They also have the spot weld cutters mentioned in the list recently. Spring loaded pilot 3/8" and 5/16" in a set for \$10.99. Item 154830-A638

Prices are good through 7/23/01

Haven't used them yet, just passing the info along.

David Porter
aa3ur@home.com
AA3UR

Date: Tue, 19 Jun 2001 22:40:55 -0500
From: Mark Prather <wb9hfk@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [100544] FT-840 User comments???
Message-ID: <3.0.6.32.20010619224055.007a3410@pop.mail.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking for any user comments regarding the FT-840.

Please respond directly.

Thanks, and 73.

Mark

Mark A. Prather - WB9HFK
wb9hfk@yahoo.com
QRP ARCI # 9472 --- QRP-L # 1159
Fists # 7606 --- Norcal --- ARRL

Date: Tue, 19 Jun 2001 21:54:47 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: <wb9hfk@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100545] Re: FT-840 User comments???
Message-ID: <00bb01c0f93c\$c2e33cc0\$b8983b8e@Staddon.ab.hsia.telus.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark, you might want to check out the review on Eham at the following link.
<http://www.eham.net/reviews/review/5888>
Cheers
Karl B. Staddon

----- Original Message -----

From: "Mark Prather" <wb9hfk@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 19, 2001 21:40 PM
Subject: FT-840 User comments???

>
>
> I am looking for any user comments regarding the FT-840.
>
> Please respond directly.
>
> Thanks, and 73.
>
> Mark
>
> Mark A. Prather - WB9HFK
> wb9hfk@yahoo.com
> QRP ARCI # 9472 --- QRP-L # 1159
> Fists # 7606 --- Norcal --- ARRL
>
>
>

Date: Wed, 20 Jun 2001 00:02:03 -0400
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: "Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [100546] 4-Pole Filter Experiment
Message-ID: <5.0.2.1.0.20010619235830.00a17ab0@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

"Homebrew rigs are never finished." At least that's what my elmer's tell me.

Anyway, I did some experimenting with my PT40 homebrew rig this evening, converting the original 3-Pole filter to a 4-Pole version. It works great!

I've posted the gain plot and some info on my web site. The performance is very near to the theoretical plot that the computer generated. Take a look, if you like: <http://www.qsl.net/aa3sj/Pages/H-40.html>

73s
Ed AA3SJ

Date: Tue, 19 Jun 2001 23:39:06 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [100547] LZ2RS/QRP on 14.060 @ 0440Z
Message-ID: <5.1.0.14.0.20010619233403.00a0bbb0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

LZ2RS/QRP on 14.060 @ 0440Z

579 into the Midwest. Working EA1CEH as this message is typed.

Used Argo 515 at 500mW to St. Louis Vest Pocket Vertical over some St. Louis Radials. Only 11' tall and 17' footprint. Kinda' enjoyed this one! <g>

Rumi now working KG4IKQ at 0444Z on 14.060!

Good luck!

de Dave, NF0R nf0r@slacc.com

Date: Wed, 20 Jun 2001 06:25:15 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: <rarland@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100548] Re: G3RJV e-mail address?
Message-ID: <008501c0f949\$84d5b220\$4234073e@duron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Like all GQRP club officers, George is callsign@gqrp.com - so g3rjv@gqrp.com will reach him. There is a complete list on the club website www.gqrp.com

Kind regards
Tony - G4WIF

----- Original Message -----

From: "Richard Arland" <rarland@earthlink.net>

>

> My address book has what is apparently
> an old e-mail address for the Rt.
> Reverend Dobbs. Can anyone supply a current
> e-mail address for him,
> please?

>

> 73 Rich K7SZ

>

Date: Wed, 20 Jun 2001 15:26:58 +0900

From: Junichi Nakajima <nakaji@crl.go.jp>

To: qrp-1@Lehigh.EDU

Cc: mightymik2@home.com

Subject: [100549] Re: seeking 2SK937s

Message-ID: <200106200623.PAA15299@ryuu.>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Hi,

I checked several Japanese domestic semiconductor
dealers now. The 2SK937 is not in their list.
Hope you will find them somewhere.

GL 72,

JL1KRA, Junichi Nakajima

Date: Wed, 20 Jun 2001 04:21:00 -0400

From: Bruce Muscolino <w6toy@erols.com>

To: w5yr@att.net

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [100550] Re: Digital Pictures

Message-ID: <3B305CEC.EFE8F336@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

George,

I am not selling some of the later digital cameras short. They are among the first of the 3.1 mega-pixel cameras. They produce very good results within their programmed capability. Please remember they are meant to take pictures of eh family, not circuit boards.

Your suggestion that their aperture priority or shutter priority will take care of any subject they are presented with just shows a lack of understanding about photography. All these priorities are is an indication of whether the camera adjusts the aperture or the shutter first. Both are a part of making a picture, they both control the amount of light that hits the film, of CCD panel in this case. The relationships between shutter and aperture are fixed by the film speed, or the equivalent CCD speed in the digital case. Unless you can change this relationship widely, you don't have any more control than you do with a box camera!

If you want true control you need the features of a fully manual camera, one where you can adjust the aperture and shutter speed independently to get the effects you are looking for!

73

Date: Wed, 20 Jun 2001 04:32:29 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Dan.Taylor@motorola.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100551] Re: Digital Pictures
Message-ID: <3B305F9D.D8653326@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan,

Aha, another one who finds the best light for photography is natural light! Sure, if you can, take your subject outside and pose it in "open shade". Open shade is the condition where natural sunlight illuminates the picture but shade keeps the direct rays of the sun out of the picture.

The resolution of today's digital camera is good, but no where near what is available from a film camera. You are being impressed by what you

can do with the computer, not the overall sharpness of the image. The picture may be adequate for a web page, but it will not stand enlargement to even 8X10 with regularity.

There is more to definition than just starting to see what is there! If you can't read the legends on all the surface mount parts you have used it ain't good enough!

73

Date: Wed, 20 Jun 2001 02:01:12 -0700
From: "Dan McLaughlin" <danmclaughlin@lycos.com>
To: qrp-1@Lehigh.EDU
Subject: [100552] RE: Is there a best way to start building a kit?
Message-ID: <NKNDJEDPIOHJACAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

> Is there a best way to start building a kit?>

Let's see. Get home from work. Find box in mail. Get excited, open box. Kids get excited. Uuh? Better close and hide the box.

Eat supper. bathe kids. put kids in bed.

Go find box.

Clean off kitchen table.

Realize that dishwasher needs loading. Realize that if a husband has time to mess around with radios then he should have time to load dishwasher for his wife.

Open Box. Spread a pile of parts on table.

Yell at kids to go back to bed.

Start sorting parts.

Try to remember how caps are coded.

Wonder why you have not ordered that AADE L/C meter.

Get called into the living room to see the tail end of something on the news my wife wanted me to see.

Discuss news for 5 minutes.

Try to remember how i was sorting the parts.

Sort more parts.

Put parts in labeled envelopes.

Clear off corner of the kitchen table so my wife can eat some cereal.

Get my sorting organization mixed up.

Solve it out.

Sort more parts.

Look at the clock.

Put all parts, sorted and unsorted back in the box.

Put the box on a high shelf.

Lock doors to prepare for bed. Notice for the sixth time this summer that the house trim needs painting. Plan to start painting the trim trim tomorrow evening.

Wife reminds you of piano recital following night.

You see the note on the calander for the kids karate demonstration the night after that.

Go to bed

Consider calling in sick.

Feel guilty. Decide not to call in sick.

Snuggle up to wife who is beginning to snore.

Roll over.

Go to sleep.

Hmmmm.

This is the way I do it. Is there any other?

72 to U

Dan
KD5DET

Get 250 color business cards for FREE!
<http://businesscards.lycos.com/vp/fastpath/>

Date: Wed, 20 Jun 2001 06:50:31 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <Dan.Tayloe@motorola.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100553] Re: Digital Pictures
Message-ID: <009401c0f98f\$f9ad5620\$09b61a26@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan-

I wait for fully overcast skies to shoot closeup pictures- it gives a diffuse light which is a favorite for portrait photography. Of course, at your location that might involve waiting a couple of months!

73- Dave, NN1G

>>-----Original Message-----
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, June 19, 2001 16:46 PM
Subject: Re: Digital Pictures

I found that the best way to take digital pictures of electronic boards is by using natural light. I go outside and place the object in the shade.<<

Date: Wed, 20 Jun 2001 07:03:06 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100554] Re: Digital Pictures
Message-ID: <3B3082EA.F1FEF384@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You can "diffuse" the light yourself. Several tricks include:

- 1) using large sheets of heavy card stock (aka poster board) and building sides around the item.
- 2) Putting a sheet up between the light source (sun or inside light) and the object. If indoors, this cuts down on the available light a LOT but still doable. A room with sheer type curtains will give this affect as well.
- 3) If using flash, use "bounce" flash. With most digital, the flash is not removable or movable but you can use a small piece of card stock (white) like an index card. Force the light up to the ceiling and back down. Again, this cuts into your available light (two bounces) but does help diffuse.

As someone else said, experiment. Only you can tell what works well with your own camera and setup. And think of the film you're saving while experimenting.

Michael N4NMR

Dave Benson wrote:

>
> Dan-
>
> I wait for fully overcast skies to shoot closeup pictures- it gives a
> diffuse light which is a favorite for portrait photography. Of course, at
> your location that might involve waiting a couple of months!
>
> 73- Dave, NN1G
>
> >>-----Original Message-----
> From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Tuesday, June 19, 2001 16:46 PM
> Subject: Re: Digital Pictures
>

> I found that the best way to take digital pictures
> of electronic boards is by using natural light. I
> go outside and place the object in the shade.<<

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Wed, 20 Jun 2001 06:14:53 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100555] Re: Digital Pictures
Message-ID: <000f01c0f97a\$3be0f9e0\$34084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 20, 2001 3:32 AM
Subject: Re: Digital Pictures

Hey Bruce,

> Aha, another one who finds the best light for photography is natural
> light! Sure, if you can, take your subject outside and pose it in "open
> shade". Open shade is the condition where natural sunlight illuminates
> the picture but shade keeps the direct rays of the sun out of the
> picture.

Ah. Someone that REALLY understands photography!
This is nice to see :^). This tactic that you are describing
is an "emulation" of bounce lighting which is used indoors --
a defusion-type light source. OTOH, bounce lighting is
an emulation of an exterior, refracted, and defused Sol :^).

> The resolution of today's digital camera is good, but no where near what
> is available from a film camera.

Yep. They're not even close; however, eventually, and in the run, they'll surpass our beloved analog devices, Bruce. That's fine with me. Come on technology! :^).

One good thing that I can see with this is that they'll surpass our current crop of SLRs in a lot of neat ways. I can't wait to see a camera that includes night vision and infrared capabilities. That will rock :^). OTOH, in the mean time, I'll be judging and sizing them up against against my 220 Hasablad's, though. They have a LONG way to go before they'll surpass those puppies. I'll take a guess and say that will be in around 5 years.

> You are being impressed by what you can do with
> the computer, not the overall sharpness of the image.
> The picture may be adequate for a web page, but it
> will not stand enlargement to even 8X10 with regularity.

The computing world does have some promising enlargement techniques, though, Bruce. I don't have a link on this computer, but search the web for "Mr. SID". It's an enlargement and compression algorithm that is taking the GIS world by storm.

> There is more to definition than just starting to see what is there! If
> you can't read the legends on all the surface mount parts you have used
> it ain't good enough!

True, and not by a long shot :^). OTOH, digital photography is the buzz word these days and is becoming mainstream, and mainstream means a large amount of sales. If there is money to be had, we can all bank that the digital-photography dudes are going to be trying to out do each other, and that's going to increase the technology.

Since this topic began, I've been looking at this subject and applying linear progression and "the next logical step" to the application. Can you imagine a digital camera that has a built-in GPS system that's keeping constant track of our two natural light sources, which are the moon and sun? I'd also imagine that, via AI algorithms, the cameras will eventually be able to "know" what they're looking at, and they'll be able to take pictures that far surpass the

current crop of high-end, manual SLRs. I can't wait :^).

Hmmm. I'll step out on a limb here and say they'll even be able to tell what the current light source is that is being used, and they'll easily be able to tell if the source is incandescent, florescent, etc. I'd bet that they'll even be able to automatically adjust the flash angle and create a defused light source in the blink of an eye. Damn. I think I'm going to see if I can time-travel and check them out :^).

BTW, does anyone know if the main-stream telescope world is playing with CCD scopes? I know that the scientific world has been playing around with them for years, but I'm wondering if the technology is starting to be affordable and is being used by the amateur-astronomer community?

Randy

--

HAMateur Radio: AB5NI

Date: Wed, 20 Jun 2001 06:24:30 -0500
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100556] Re: 4-Pole Filter Experiment
Message-ID: <011801c0f97b\$938f2760\$29723ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Excellent filter and rig Ed!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Date: Wed, 20 Jun 2001 05:02:13 -0700 (PDT)
From: Nancy Rabel Hall <kc4iyd@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100557] psk80 Warbler kit progress
Message-ID: <20010620120213.98435.qmail@web14604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey gang,

Well construction is going well. I got most of the resistors in last night and the diodes. I've also left room around the SMTs to do them tonight. Was trying to work on the kit but the MLB Indians baseball team went from trailing 6-0 in the fifth to a 8-8 tie by the seventh inning so I kept running from the radio room to see who was hitting a home run and how far we were behind. The OM yelling "hey so-so hit another home run" didn't help. So while I worked on the kit from 9pm - midnight, I think I've got about half the board populated. Plus I was being careful with the soldering.

Tonight I plan to put in the ICs, SMT and then finish up the resistors and diodes and then start on the tall parts - crystals, caps, etc.

Thanks for all your comments on my post "is there a best way to start building a kit". I've gotten several good comments and webpages that I've bookmarked.

Nancy H.
x5643

P.S. The OM can't wait until I'm done now. I guess seeing me work has made him want to work on his kit too. He already said he wants my spot on the bench to start his K2. We need a bigger radio room with his and her benches. :)

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Wed, 20 Jun 2001 08:10:14 -0400
From: Kenneth Hoglelund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100558] Just in Time for Field Day
Message-ID: <3B3092A6.48400EB3@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Getting ready for the weekend but not sure if those batteries can really drive your rig? Wondering how to work that logging program in the heat of FD competition? Here's a chance to test out your systems.

Several groups are staging a voluntary blackout the evening of June 21st as a way to encourage individual and societal efforts at conservation. We can echo such efforts by having a little operating fun working off-grid.

The blackouts are supposed to be 7-10 pm in whatever time zone one inhabits, but I'm planning on 3-5:00 UTC around 7.045 or so. Rig will be a Norcal 40A on a pack of 10 AA's. Operational light will come from a Coleman tent light. Logging will utilize the famed Eagle No. 2 data recording stylus. 'bout as low tech as I can get. Ok, ok---central ac will be running on grid, but it can get sticky around here without it.

I'll call "CQ OG" (off-grid) and suggest those joining the fun do the same so we can "hunt and pounce" each other.

Hope to see you "off grid."

73
Ken KG4FGC

Date: Wed, 20 Jun 2001 08:26:25 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: neqrp@jonal.net, qrp-1@Lehigh.EDU
Subject: [100559] Last nites NEQRP SSB NET
Message-ID: <0FEAC160CD.33645A77-0N85256A65.0057646F@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Called net on 7.288Mhz at 7:30PM EDST. No one around!
Continued to call CQ NET for 6 minutes when Paul (W1CFI)

checked-in. Band was in great shape. Talked with Paul for around 5 minutes when Seab (AA1MY) joined the group. We chatted for around ten minutes when I went into the weeds to listen. Still trying to loose this stubborn virus! Later John (KB1FPM) joined and all sig where 59+. As I turned off the radio the conversation was still going strong. QRP SSB is a lot of fun.

Join us next week !

Ron - N1ZSW

Ron - N1ZSW

Date: Wed, 20 Jun 2001 07:46:49 -0500 (CDT)
From: timcook@erinet.com
To: qrp-1@lehigh.edu
Subject: [100560] Still Looking For a Rig
Message-ID: <200106201246.HAA58268@nm0.nwbl.wi.voyager.net>
Content-Type: text/plain
Content-Disposition: inline
Content-Transfer-Encoding: binary
Mime-Version: 1.0

I am still looking for a small inexpensive rig to leave at the camp for the summer. I appreciate the several offers for the INDEX LABS QRP+ radios but I am really looking for something along the lines of a HW-8, a multiband OHR rig, or something similar. Might also consider a Ten Tec Argosy/Scout555/Argo556 for the right price. other offers?

Thanks
Tim
NZ8J

Date: Wed, 20 Jun 2001 08:47:44 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <Ronald_A_Pfeiffer@raytheon.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100561] NEQRP SSB NET Tuesday nite
Message-ID: <008f01c0f987\$34da5940\$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep... strong sigs, noisy band, but no problem, really. Seemed very low activity on most bands, tho sigs were good when they were there. Could "alternate activities" have depleted the multitude? Say it isn't so!

Take real good care of yourself with that virus, Ron... lots of horror stories around about that kind of thing.

72 / 73,

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

----- Original Message -----

From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 20, 2001 8:26 AM
Subject: Last nites NEQRP SSB NET

>
> Called net on 7.288Mhz at 7:30PM EDST. No one around!
> Continued to call CQ NET for 6 minutes when Paul (W1CFI)
> checked-in. Band was in great shape. Talked with Paul for
> around 5 minutes when Seab (AA1MY) joined the group.
> We chatted for around ten minutes when I went into the weeds
> to listen. Still trying to loose this stubborn virus! Later John
> (KB1FPM) joined and all sig where 59+. As I turned off the
> radio the conversation was still going strong. QRP SSB is
> a lot of fun.
>
> Join us next week !
>
> Ron - N1ZSW
>
> Ron - N1ZSW
>

Date: Wed, 20 Jun 2001 06:54:15 MDT
From: Mark Brueggemann <markb@abq.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [100562] RE: Is there a best way to start building a kit?
Message-ID: <B0000209639@atlanta.abq.com>

** Reply to note from danmclaughlin@lycos.com

>

> > Is there a best way to start building a kit?>

<snip>

> This is the way I do it. Is there any other?

Dan, and all;

That's how I **used** to do it. I had two unbuilt kits languishing in my shack and decided the only way they were going to get built was to build them during the only time I have to relax, and that's at work during the day.

I get an hour lunch and usually didn't do much other than eat a sandwich and surf the net at my desk. I brought the kits to work and over the course of a few weeks got them built (a 38 special and a ten-tec). Of course it sucks to have to quit after working on it for 45 minutes or so, but having steady slow progress is better than none at all. Plus, no kids or wife screaming, house trim to paint, phone ringing, etc. And all your co-workers come by to see what you're up to and you can pitch ham radio.

Just my \$.02

73

==>Mark

Mark Brueggemann KA9LXP
Albuquerque, NM markb@abq.com
See my S-10 EV at my Ham Radio Page
<http://www.qsl.net/ka9lxp>

Nostalgia isn't what it used to be.

Date: Wed, 20 Jun 2001 09:28:10 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "W D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [100563] CQ Gary NQ7T
Message-ID: <200106200928_MC3-D674-5E55@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Looking for Gary NQ7T and cannot locate his e-mail address. Anyone help?=
=

Thanks in advance.

73,
--Doc/K0EVZ

Date: Wed, 20 Jun 2001 09:23:46 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Randall Jouett <rules@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100564] Re: Digital Pictures
Message-ID: <3B30A3E2.4489B491@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy,

You've got it wrong. Bounce lighting is diffused but has direction to the light and therefore shadows. Open shade has no shadows if it is truly open shade!

There are similarities between them but they are not the same. A good pro can immediately tell the difference!

I'll step out on a limb here. Digital photography is light years away from replacing film. Sure, for many amateur uses the digital cameras, even the ones sold today are adequate. But, any photographer who is concerned about the quality of his images, and that includes all the names in the business, use film! It lasts and it will stand incredible

enlargement.

If you actually do use Hasselblads you should know what I am talking about. Go out and buy a digital back for them! I have a friend in California, a well respected pro, who uses that combination to do most of his commercial photography. But most of his digital photography does not require 16X20's any more!

I really don't care what algorithm you want to use to sharpen a picture. In the end it is a poor substitute for a truly sharp image! You can't sharpen what is not there!

I understand digital photography is the buzz word these days for the amateur set. After all you have a computer and why not sue it to help capture images of your kids. But you have to understand that what is being sold is largely aimed at the very unsophisticated amateur market. It has no place in the professional market. You will get images, but they will not withstand enlargement to even 8X10 until you get to 3 mega-pixels!

Telling what the light source is easy, just open your eyes and take a look! What good will it do you to say, "hmmm, the sun's out, I guess I'll use this exposure rather than that one". You already make that decision without a \$500.00 GPS! Photography is a visual art, that means using your eyes to see the smallest changes in light. Don't try to say "my computer can do it better", it can't!

73

Date: Wed, 20 Jun 2001 09:47:39 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <aa5tb@arrl.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [100565] RE: Digital Pictures
Message-ID: <000001c0f98f\$92d8dfa0\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice construction work Steve! Beautifully crafted. Congrats. Keep the pix coming.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Steve Yates - AA5TB
Sent: Tuesday, June 19, 2001 8:28 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Digital Pictures

The debate between digital cameras and "real" cameras is much like the debate between the Internet and CW.

I am certainly NOT an expert on cameras but I have had a lot fun and success with my little digital camera.

I have seen technology that allows high-end professional digital cameras to rival film cameras in resolution, even for poster size images. Most mortals simply can't afford them yet. Back down to earth though I have had pretty good success with my Canon PowerShot S100 2.1 megapixel camera for taking close-ups of my QRP gear. I think it's macro ability is pretty darn good. But no, I can't blow it up to poster size. I have a couple of examples here so as to judge for one's self:

<http://www.geocities.com/aa5tb/coupler03.jpg>

<http://www.geocities.com/aa5tb/38s006.jpg>

With a little more effort in the lighting department I think I could make them look pretty cool.

Nothing can take the place of the art and skill of film photography but digital photography has added a new dimension that has enabled some like myself to really get into photography that wouldn't of otherwise done so. I captured a bunch of really cool lightning photos last week with this same little shirt pocket camera that are plenty good enough for an 8 x 10 frame.

Of course, there is also A LOT more to a digital camera then just resolution.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Date: Wed, 20 Jun 2001 07:54:21 -0600
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100566] 1 Volt Circuits
Message-ID: <0d9001c0f990\$8293b920\$316b6e80@ced.utah.edu>

Quite some time ago there was some discussion about building some useful stuff that would run off a 1 Volt supply. Driven by greater demands for portability, it seems the electronics industry is moving this way. One good example is On Semiconductors recent introduction of a series of 0.9 Volt analog parts. This series includes several rail-to-rail opamps with 4 MHz GBP and respectable noise performance (at least for a very low voltage part). Data on these devices can be found at <http://www.onsemi.com/pub/0,1684,sub1,00.html#0p>

I believe other companies are persuing this path, also, but I would be interested in knowing who they are. If anyone is aware of other semiconductor manufacturers working on 0.9 Voltage parts I would appreciate hearing about it.

Thanks

Bruce kk7zz

Date: Wed, 20 Jun 2001 09:02:59 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'ad6we@hotmail.com'" <ad6we@hotmail.com>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100567] Where to Find NE602's....
Message-ID: <E78D8A9D6762D411B5440008C791D4AA04A49C0A@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Darned near ANYwhere, Del! I've seen them advertised right here on the reflector, and if you do a "Google.com" search, you can probably find lots of vendors.... I'd try Mouser, Digi-Key, Dan's Small Parts, etc....

There are lots of vendors out there.....

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Delbert Long [SMTP:ad6we@hotmail.com]
> Sent: Tuesday, June 19, 2001 11:30 AM
> To: Low Power Amateur Radio Discussion
> Subject: NE602etc...
>
> I am trying to collect parts to build the MRX-40 Receiver...the part that
> I
> can't seem to find is the most important (obviously) ... where can I get
> an
> NE602 / 612?
>
> Thanks
>
> Del, AD6WE
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager.

This footnote also confirms that this email message has been swept by MIMESweeper for the presence of computer viruses.

www.mimesweeper.com

Date: Wed, 20 Jun 2001 09:04:50 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'w7ox@earthlink.net'" <w7ox@earthlink.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [100568] Filter "Blow-by" and the New Ten-Tec IF-DSP QRP rig
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49C0B@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

In theory, and to a large extent, in practice, Phil, there is NO
"filter blow-by" with IF-DSP filters -- instead, they have
other problems of their own (too long to go into here!).

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Phil Wheeler [SMTP:w7ox@earthlink.net]
> Sent: Tuesday, June 19, 2001 11:31 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: New Ten-Tec IF-DSP QRP rig
>
> Looks pretty cool, Ken. Thanks for posting the url!
>
> I wonder how well IF-DSP filters will combat blow-by and such.
>
> The price and all-req RX sure look promising.
>
> Phil W70X
>

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intended solely for the use of the individual or entity to whom they
are addressed. If you have received this email in error please notify
the system manager.

This footnote also confirms that this email message has been swept by
MIMESweeper for the presence of computer viruses.

www.mimesweeper.com

Date: Wed, 20 Jun 2001 09:30:04 -0400
From: Doug Person <DougPerson@attglobal.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100569] Re: Digital Pictures

Message-ID: <3B30A55C.12F9A97B@attglobal.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bruce,

3 Mega-pixels is easy. My Olympus C-3000 does that. The real state of the art today in digital photography is over 6 Mega-pixels. When you get down to the finite limit of the film itself, 6 meg is pretty good in comparison. Especially when used for such media as magazines. While my Olympus isn't a Hasselblad, it does a fine job substituting for my Nikons when magazines request digital imagery. Digital Photography has come a long way. When 6 megs becomes common place, chemical photography will feel some real competition. And not just from "amateur" markets.

Doug Person -- W4DXV

(Freelance writer/photographer)

Bruce Muscolino wrote:

>
> Randy,
>
> You've got it wrong. Bounce lighting is diffused but has direction to
> the light and therefore shadows. Open shade has no shadows if it is
> truly open shade!
>
> There are similarities between them but they are not the same. A good
> pro can immediately tell the difference!
>
> I'll step out on a limb here. Digital photography is light years away
> from replacing film. Sure, for many amateur uses the digital cameras,
> even the ones sold today are adequate. But, any photographer who is
> concerned about the quality of his images, and that includes all the
> names in the business, use film! It lasts and it will stand incredible
> enlargement.
>
> If you actually do use Hasselblads you should know what I am talking
> about. Go out and buy a digital back for them! I have a friend in
> California, a well respected pro, who uses that combination to do most
> of his commercial photography. But most of his digital photography does
> not require 16X20's any more!
>
> I really don't care what algorithm you want to use to sharpen a
> picture. In the end it is a poor substitute for a truly sharp image!
> You can't sharpen what is not there!
>
> I understand digital photography is the buzz word these days for the

> amateur set. After all you have a computer and why not sue it to help
> capture images of your kids. But you have to understand that what is
> being sold is largely aimed at the very unsophisticated amateur market.
> It has no place in the professional market. You will get images, but
> they will not withstand enlargement to even 8X10 until you get to 3
> mega-pixels!
>
> Telling what the light source is easy, just open your eyes and take a
> look! What good will it do you to say, "hmmm, the sun's out, I guess
> I'll use this exposure rather than that one". You already make that
> decision without a \$500.00 GPS! Photography is a visual art, that means
> using your eyes to see the smallest changes in light. Don't try to say
> "my computer can do it better", it can't!
>
> 73

Date: Wed, 20 Jun 2001 07:38:54 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100570] RE: Digital Pictures
Message-ID: <NBEDJCBBKGGMMPNBDCK00EJJCHAA.rmccarty@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

When 6 megs becomes common place, chemical photography
>will feel some real competition. And not just from "amateur" markets.
>

Good choice of words, as it is a matter of when, and not if.

Date: Wed, 20 Jun 2001 11:42:39 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [100571] Meters almost gone...and a request
Message-ID: <85256A71.005738DD.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Well, the KA1AXY meter giveaway is almost history. I haven't had any requests for a week or so, and only have a few meters left.

I'm happy about that, and, from what I have heard, those who received meters are happy as well. Thanks to QRP-L folks for finding new homes for these little guys.

I do have one request. If you got a meter from me, and if you have the capability, I'd appreciate an email with a photo of the meter in whatever project you built. Don't go to any trouble, but if it's easy for you, I'd love to see the meter in its new home!

One gentleman has already sent me a nifty photo of the meter used as a background to a portrait...very clever and quite artistic.

(If you're in need of a meter, see
<<http://www.qsl.net/ka1axy/meters/meters.html>>
for the remaining few!)

72 and thanks,
Peter, KA1AXY

Date: Wed, 20 Jun 2001 11:46:42 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Doug Person <DougPerson@attglobal.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100572] Re: Digital Pictures
Message-ID: <3B30C562.8743CA33@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug,

I agree completely about the 6 mega pixel cameras. 3 mega pixels are the norm today with many older 2 mega pixel cameras being sold off from inventory. I seriously doubt that film will become obsolete though. In a way it's like CW, it will always find an application. Film provides finer resolution than even 6 mega pixels. It will withstand almost unlimited enlargement of only a portion of the negative area without much image deterioration. I am sure if your customers are asking for digital images they are not using them in any archival sense!

Date: Wed, 20 Jun 2001 09:19:31 -0700
From: Louis Hlousek <lhlousek@nvhbell.net>
To: w6toy@erols.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100573] Re: Digital Pictures
Message-ID: <00c701c0f9a4\$cc21e4e0\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

<<<If you want true control you need the features of a fully manual camera,
one where you can adjust the aperture and shutter speed independently to
get the effects you are looking for!>>>

Many medium price digital cameras allow shifting the exposure as well as
choosing aperture or shutter speed priority. This allows the same type
of control as independently setting shutter speed and aperture (but,
depending on the camera, perhaps not the same total range of adjustments
that might be available on a fully manual camera).

e.g. Set camera for aperture priority and choose the aperture you want.
Shift exposure until you get the desired shutter speed. Works FB on my
Olympus C2020, which BTW, has a fully manual mode too.

Lou W7DZN

Date: Wed, 20 Jun 2001 09:24:44 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [100574] Re: Digital Pictures
Message-ID: <F224y0D1l7fnp3eEHJt00005c9e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Randy AB5NI wrote:

>BTW, does anyone know if the main-stream telescope
>world is playing with CCD scopes? I know that the
>scientific world has been playing around with them
>for years, but I'm wondering if the technology is starting

>to be affordable and is being used by the amateur-astronomer
>community?

Yes. Have a look in any current astronomy magazine. There are zillions of ads for various sorts of CCD imagers. They're not exactly cheap, but the prices are coming down and the results are excellent. Sky & Telescope have CCD imaging information (with example pictures) on the web at <<http://www.skypub.com/imaging/ccd/ccd.shtml>>.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 20 Jun 2001 10:01:36 -0700
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100575] looking for suitable substitute 2SK937
Message-ID: <5.0.2.1.0.20010620095545.00a23270@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It's a low noise FET, and apparently nobody in the world has them anymore. Anyone with an Icom know what it's using in the front end these days?

Date: 20 Jun 2001 12:54:15 -0400
From: Rich Mulvey <rich@mulveyfamily.com>
To: rules@bellsouth.net
Cc: qrp-l@lehigh.edu
Subject: [100576] Re: Digital Pictures
Message-ID: <993056055.1109.0.camel@zippy.aa2ys.ampr.org>
Content-Type: text/plain
Mime-Version: 1.0

On 20 Jun 2001 06:14:53 -0500, Randall Jouett wrote:

> BTW, does anyone know if the main-stream telescope
> world is playing with CCD scopes? I know that the
> scientific world has been playing around with them

> for years, but I'm wondering if the technology is starting
> to be affordable and is being used by the amateur-astronomer
> community?

CCD cameras have become very common, actually. I built a "Cookbook"
CCD
cam a few years ago for about \$500.00, for use with my Celestar. In the
meantime, there have been a number of inexpensive offerings by
commercial manufacturers with offerings under \$1K.
With the advent of very cheap computer controlled GOTO scopes, it's not
out of the question for an amateur of even modest means to have the
ability to have their own remote-controlled observatory.

Some people have even gotten decent results, particularly on planets,
with cheap \$50 webcams.

The ironic thing, of course, is that a mount suitable for CCD imaging
often costs as much, and frequently twice as much, as the camera, at
least if you're doing deep-sky work.

- Rich

Date: Wed, 20 Jun 2001 13:03:44 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <marsgal42@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [100577] Re: Digital Pictures
Message-ID: <001901c0f9aa\$f9518640\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check this out...

<http://www.djcash.demon.co.uk/astro/webcam/webcam.htm>

> Randy AB5NI wrote:

>
> >BTW, does anyone know if the main-stream telescope
> >world is playing with CCD scopes? I know that the
> >scientific world has been playing around with them
> >for years, but I'm wondering if the technology is starting
> >to be affordable and is being used by the amateur-astronomer
> >community?
>
> Yes. Have a look in any current astronomy magazine. There
> are zillions of ads for various sorts of CCD imagers.
> They're not exactly cheap, but the prices are coming
> down and the results are excellent. Sky & Telescope have
> CCD imaging information (with example pictures) on the
> web at <<http://www.skypub.com/imaging/ccd/ccd.shtml>>.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..."
> ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Date: Wed, 20 Jun 2001 13:07:09 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-1@lehigh.EDU, fpqrp-1@mpna.com
Subject: [100578] someone asked me about sstv
Message-ID: <20010620.131007.-92121.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri I lost ur post...

u can find sstv32 shareware jvcom and other programs for
sstv, rtty, psk

on the web page of KB1HJ.... THAT'S ALL U NEED TO ENTER KB1HJ...

THAT WILL take u to Wayne's World and u just follow ur nose from
thair...

he also has some locations wehere u can watch sstv from different places
around the us and world...

my setup is very simple (as some would imagine) I feed the audio
from the rig to the computer sound card and the output of the computer to
the mic input of the rig... then I use a ptt switch or the rig's vox...
and things geaux fine...

Yes I am using isolation transformers and lots of torroids from
rad shack to keep the rf outta thngs...

yes u can just hook up the speaker out to computer audio in and look at
the pictures or what ever is being transmitted.... sstv, cw, psk31...

etc...

so whoever asked thair be my answer... :-)

kella joel
in maine
looking for haywire...:-)

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 20 Jun 2001 12:36:04 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: "Bruce Muscolino" <w6toy@erols.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100579] Re: Digital Pictures
Message-ID: <005f01c0f9b2\$ca516240\$34084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>
To: Randall Jouett <rules@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, June 20, 2001 8:23 AM
Subject: Re: Digital Pictures

Hey Bruce,

> You've got it wrong. Bounce lighting is diffused but has direction to
> the light and therefore shadows. Open shade has no shadows if it is
> truly open shade!

Too true; however, bounce lighting is the next best thing
while indoors. You have to admit, Bruce, that in a lot
of situations, especially with these 8' ceilings we have
nowadays, it's a semi-decent lighting source. Now I
admit that my knowledge is not up to par with yours,
Bruce, but my Dad was a professional for many, many,
years. I don't know if he was worth a hoot, but if I remember
correctly, that's what he explained to me about bounce

shots.

> There are similarities between them but they are not the
> same. A good pro can immediately tell the difference!

I'm sure they could. OTOH, a bounce shot is a compromise in and of itself, and as you are well aware, this type of shot was designed for taking pictures indoors. That's what I'm talking about. Indoor photography. You have to admit that when guys want to take indoor shots at the bench or kitchen table, a bounce shot would be a heck of a lot better than the guys snapping away directly at the board/rig, picking up (in some instances) all kinds of direct reflections and white-spotting the negative.

> I'll step out on a limb here. Digital photography is light years away
> from replacing film. Sure, for many amateur uses the digital cameras,
> even the ones sold today are adequate. But, any photographer who is
> concerned about the quality of his images, and that includes all the
> names in the business, use film! It lasts and it will stand incredible
> enlargement.

Well, I'll crawl out further on limb and hang by two fingers on a sem-sturdy leaf that's about to fall off :^) and say, "In the long run, Digital photography is going to wipe the floor with film in the not-to-distant future. This is where the market is going, and when that happens, that is where the new developments are going to take place. Think I'll fall? :^)

> If you actually do use Hasselblads you should know what I am talking
> about. Go out and buy a digital back for them! I have a friend in
> California, a well respected pro, who uses that combination to do most
> of his commercial photography. But most of his digital photography does
> not require 16X20's any more!

Yes. I do use them, Bruce. As I said, my Dad was a professional. He was also a professional artist and musical educator. Anywho, I inherited some Rollies, Nikons, and Hasselblads. (However you spell it, because I don't spell worth a hoot. Guess I need to go out and buy Word or post from Linux :^)). Knowing that my Dad spent a small fortune on this stuff, I decided to further my education in photography. Education means reading, so I go out and purchase as many books as I can find on the subject. I'm not at the sage or guru status when it comes to photography -- and probably never will be! -- but I do know some things about the subject. If I need

any further assistance, I usually just call up a friend who is a professional and see what he has to say.

Anywho, I'll go take a look at the digital backs and see what gives with them. Thanks for the info, Bruce!

> I really don't care what algorithm you want to use to sharpen a
> picture. In the end it is a poor substitute for a truly sharp image!
> You can't sharpen what is not there!

True. OTOH, what's not there will eventually become what is there. The photographic world is not stupid, and they know when they see a cash cow. With that in mind, this is where photography is heading, whether we like it or not. Also, since things are heading in this direction, you can bank on it that digital photography is where the vast majority of the R&D bucks are going to be spent. Then the companies are going to start up the competition, adding this gimmick and that, and that's when we'll starting see crapola like GPS and all others kinds of crazy crap that we'd never, ever think would be on a camera. Kewl :^).

> I understand digital photography is the buzz word these days for the
> amateur set. After all you have a computer and why not sue it to help
> capture images of your kids. But you have to understand that what is
> being sold is largely aimed at the very unsophisticated amateur market.

I do understand this, and, as a matter of fact, I agree with you 100% here, Bruce.

> It has no place in the professional market. You will get images, but
> they will not withstand enlargement to even 8X10 until you get to 3
> mega-pixels!

Maybe not now, but it will. Think in a linear, "logical next step" fashion, and you know that this is true.

> Telling what the light source is easy, just open your eyes and take a
> look!

True, but the vast majority of the people taking shots are amateurs. Since the designers are going to have all this technology at their disposal, you can bank that

they are going to use it to help make the amateur come as close to a professional as they possibly can, Bruce. They might not attain this goal, but you bet that they are going to try. Don't you just love the competitive, capitalistic market? Sure helps advance technology :^).

> What good will it do you to say, "hmmm, the sun's out, I guess
> I'll use this exposure rather than that one". You already make that
> decision without a \$500.00 GPS! Photography is a visual art, that means
> using your eyes to see the smallest changes in light. Don't try to say
> "my computer can do it better", it can't!

Well, the artist will always be able to take better shots than someone that doesn't have the aptitude. I mean, look at Amsel Adams. OTOH, taking shots is going to get a lot easier, Bruce, and technology is going to help the amateur come up to a level that is close to the professional. I'll step out on yet another limb and say that within the next 10 years, amateurs with only artistic talent are going to be taking shots that will rival Adams' work, and the camera is going to be doing 99% of the work. The rest will be up to the artist/photographer.

Randy

--

HAMateur Radio: AB5NI

Date: Wed, 20 Jun 2001 12:57:58 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <marsgal42@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100580] Re: Digital Pictures
Message-ID: <006101c0f9b2\$d196f4c0\$34084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: laura halliday <marsgal42@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 20, 2001 11:24 AM
Subject: Re: Digital Pictures

Hey Laura,

> Yes. Have a look in any current astronomy magazine. There
> are zillions of ads for various sorts of CCD imagers.

Too kewl! I'll have to run over to Barnes and Noble and
pick up a copy of Sky & Telescope.

> They're not exactly cheap, but the prices are coming
> down and the results are excellent. Sky & Telescope have
> CCD imaging information (with example pictures) on the
> web at <<http://www.skypub.com/imaging/ccd/ccd.shtml>>.

Thanks, Laura. I'll check it out. Hopefully, I won't get
the amateur astronomy bug again and REALLY
start to spend some money :^). And people think that
HAMateur radio is expensive :^).

Randy

--

HAMateur Radio: AB5NI

Date: Wed, 20 Jun 2001 14:33:07 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100581] RE: Digital Pictures
Message-ID: <CKEGICNFDIMCEKEDCEHFAEFLHIAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I read somewhere once that the average color slide contains around 8
megapixels. However, I've recently seen 8x10s, printed from a 1.3 megapixel
digital camera (I think it was one of the older Olympus cameras) that were
downright good. Some, but not all of that, is that the Epson 1280 printer

does work that is truly amazing. If only I had the \$500 (down from the \$1K its Epson 1200 predecessor cost) to spare!!! There is certainly a direct correlation between clarity and "richness" and pixel content, but for a 'standard' photo, a smaller 1.3 megapixel camera can indeed do pretty good work. Reality is, however, that for an 8 x 10, those new 6 megapixel cameras are just about-but not quite yet-there. And, if that's true about them, what about the current-and older-crop of "lesser" cameras?

My own website photo experience is that my 1.3 megapixel AGFA does do nice work, but cannot touch most of my film-derived photos scanned in at 2700 dpi x 2700 dpi (dpi=dots-per-inch) using my under \$500 Acer Scanwit that I got for Christmas last year (even when they are 'reduced' using Photoshop 6 to "size" them to 800 x 600 (pixels) at a density of 200 dpi-the film pictures almost always look MUCH better-although I don't really understand why.) And flash photos: in comparison between my Nikon F4-S and SB-25 flash, and the AGFA et al... don't even go there. The recent advice about going outside for digital photos is great advice. You CAN use a double-windowed room, if there is wide open space outside the windows, and no obstructing (e.g. shading) from trees and the like.

Between the convenience of instantly seeing if it was a good picture or not, and printers like these, at such prices, I surely wouldn't advise buying any film-developing-place (much less Polaroid!!!) stock, as a long term investment. Digital has a ways to go yet... and I'm surely not abandoning my film camera... but I've seen 'regular' sized (a little smaller than 5 x 7) outdoor prints made with a 1.3 megapixel camera that were absolutely as clear and colorful as anything could be. Stunning blues, bright reds, and plenty of depth of field. With 95% of photography not ever involving an 8x10, and the prices of both digital cameras and color printers continuing to fall-it ain't gonna happen tomorrow-but film cameras' days are numbered (years not months).

To see a several digital photos and film photos, and to perform your own comparisons, take a lookat the photos within my "Photo Albums" (click on the "Album" for a selection) and the several digital photos just below. Note that the two "Hearts-A-Bustin' " photos were taken with the AGFA digital, in total shade., and that the photo of K40DL's cat was an indoor, flash shot. The second set of photos, of my R-390-A right after I got it back from a COMPLETE rebuild by Chuck Rippel, were taken with my earlier (<0.5 megapixel) AGFA camera. While the small 240 x 180 photos look very nice, any attempt to get them much larger than that, quickly shows the difference even a near-1 megapixel improvement makes. In truth, they weren't bad at 640 x 480, but got fuzzy quickly after that.

See: <http://www.qsl.net/n4xy/photo_gallery1.html> and
<http://www.qsl.net/n4xy/rcvr_MIL_r-390-a_p1.html>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 20 Jun 2001 15:35:09 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [100582] "Mars will appear larger, brighter on Thursday"
Message-ID: <51.d2b8cd8.286254ed@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

"Mars will appear larger, brighter on Thursday"
(Source: Associated Press , 6/19/01)

Those who look up at the sky on Thursday night, the first day of summer, will see a golden-colored Mars looming larger and brighter than it has in over 10 years. The Red Planet is at its closest point to Earth since 1988 and will be visible to the naked eye anywhere in the world for the next two weeks, with Thursday being its brightest night.

The planet, which is 42 million miles away, will appear 80 times brighter and six times bigger than last July, when it was 244 million miles from Earth on the other side of the Sun, said Jack Horkheimer, director of the Miami Space Transit Planetarium.

"Go outside after it gets dark, between 10 p.m. and midnight and look southeast," Horkheimer said. "It will be very bright and spectacular."

Mars and Earth line up in "opposition" about every two years, meaning Mars is directly opposite the Sun as viewed from Earth. But because the planets' orbits are not circular, some oppositions are closer than others. Horkheimer advised holding up an empty toilet paper or paper towel tube to one eye and closing the other to block out extraneous light and get a better view of the planet.

Mars will glow with a shiny metallic orange-gold color, said Horkheimer, the writer and host of PBS's nationally syndicated Star Gazer series. He said Mars looks redder when it is farther away or seen through the thick layers of the Earth's atmosphere near the horizon, such as close to sunset

and sunrise.

Date: Wed, 20 Jun 2001 14:58:37 -0500
From: "George, W5YR" <w5yr@att.net>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100583] Re: Digital Pictures
Message-ID: <3B31006D.EA4607E8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Which I can readily do with the Kodak DC4800 as I stated before. One is not constrained to use only the programmed modes.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bruce Muscolino wrote:

>

> If you want true control you need the features of a fully manual camera,
> one where you can adjust the aperture and shutter speed independently to
> get the effects you are looking for!

Date: Wed, 20 Jun 2001 16:15:48 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
To: "NVQS-S" <NVQS@smartgroups.com>, "W1MOO List" <w1moo@smartgroups.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "NJ-QRP List" <njqrp@njqrp.org>
Cc: "Bill and Joyce Stutz" <BillStutz@aol.com>, "N1PDL Sam Conant" <n1pdl@arrl.net>, "W1SLR - Sara" <sara@wulfdn.org>, "SRiley" <Sara.Riley@goodrich.com>
Subject: [100584] NVQS Field Day
Message-ID: <LPBBJAGIPFHKPJENAKLOMECHFAAA.n1bq@wulfdn.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Northern Vermont QRP Society Field Day effort will be held in the "Henrik Kruse Block" (an annex) of Underhill State Park, in Underhill Center, Vermont. We will operate in Class 2A (battery) fielding two HF stations and a VHF/UHF station, each powered by a 75 watt solar panel and appropriate batteries. We will also be on the air with an APRS station identified as NVQSFD and should be visible to the national APRS infrastructure. We currently expect to have full operating staff for round the clock operations on 80-10 meters, CW, SSB, and PSK.

Any and all hams are welcome to visit and operate with us.

We will be holding an ARRL sanctioned VE testing session on late Saturday afternoon just before dinner.

All details, schedules and maps/instructions on getting to the Field Day site are located at our website <<http://www.wulfdan.org/NVQS/>>

72/73 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT

<<mailto:n1bq@wulfdan.org>>

NoVT QRP Society <<http://www.wulfdan.org/NVQS/>>

AMSAT LM-1418 NJQRP #274 ARS #915

QRP-L #2276 Zombie #768 NVQS #002

Date: Wed, 20 Jun 2001 13:15:52 -0700

From: "laura halliday" <marsgal42@hotmail.com>

To: grp-1@lehigh.edu

Subject: [100585] Re: Filter "Blow-by" and the New Ten-Tec IF-DSP QRP rig

Message-ID: <F150qcITzSOFI3JzfzP00013b99@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Karl W8TIF wrote:

>In theory, and to a large extent, in practice, Phil,
>there is NO "filter blow-by" with IF-DSP filters --
>instead, they have other problems of their own (too
>long to go into here!).

For example? This is still a technical list, after all...

I can think of a couple of issues, but I'm curious what you (and others) consider to be significant.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 20 Jun 2001 16:16:13 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100586] Digital Pictures
Message-ID: <GAECLOGOMILPLBGKKPEGEENJCIAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi gang,
As long as we are not QRP, I would like to toss in
the Polaroid PDC 1300 is an excellent little camera.
Four settings for controlling the size of picture file.
Has a normal or close up setting from menu.

It has a timer built in to allow for delay while you
put yourself in the picture. Some handy utilities to
review pictures, and delete if required.

Has different types of flash handling include double
flash to eliminate red eye [except in my son and daughter-
in-law's dog] It is a genetically altered Doberman and
its eyes glow green not red.

The pictures are great the only issue I had, was that
while the CD said it was NT compatible, it was not. At
work I run windows '98 on an NT machine. This version
does not support USB ports.

On my MS 2000 at home it does support USB ports. So a
\$30 SanDisk flash card reader and I can get my pictures
to the MS 2000 box. Polaroid was no help to get this

resolved.....

73 oo

=====

Chuck Mabbott

AA8VS

42 19' 52" N 83 28' 32" W

Grid Square EN82gh

Home Page: <http://aa8vs.dhs.org/aa8vs>

Date: Wed, 20 Jun 2001 15:23:29 -0500

From: "George, W5YR" <w5yr@att.net>

To: marsgal42@hotmail.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [100587] Re: Filter "Blow-by" and the New Ten-Tec IF-DSP QRP rig

Message-ID: <3B310641.935263A4@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Based upon my experience with the IF-DSP filters in my Kachina 505DSP and Icom IC-756PRO, there are very few problems that come to mind. DSP processing implementation makes a great deal of difference in overall filter performance, as witnessed by the superior passband shape of the PRO filters (32-bit processing) as compared to that of the Kachina (24-bit processing.) Either rig's filters are far superior to the Icom filters in my IC-765.

What are we missing here, Karl?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

laura halliday wrote:

>

> Karl W8TIF wrote:

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>
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>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..."
> ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte
>

Date: Wed, 20 Jun 2001 16:51:20 EDT
From: WA6GER@aol.com
To: qrp-1@lehigh.edu
Subject: [100588] SMK-1 kits sold out
Message-ID: <db.162e8e60.286266c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It seems like we have been doing this NorCal club project for ages, and that jillions have been bought, proving that hams will embrace new technology.

Everyone involved in this project thanks you for making this kit the success that it has been.

jim, WA6GER for NorCal and the project crew.

Date: Wed, 20 Jun 2001 14:43:14 +0200
From: "=?iso-8859-1?Q?Juan_Jos=E9_Pastor_Estornell?=" <ec5aca@wanadoo.es>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100589] RE: is there a best way to start building a kit?
Message-ID: <000c01c0f9ce\$f169dd00\$3e8719d4@juanjopectv>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hello to everybody.

<snip>

>If I was on my own, here is how I was thinking of
>proceeding. I noticed that some areas of the psk80

>board is more busy than others so I would put in parts
>where components are alone, ie c11 and c12. For the
>busy areas on the board, I was thinking of inserting
>the components to get an idea of how easy or difficult
>it would be to solder them. Just wondering how this
>approach sounds or if there is a better way.
>

Well, Nancy and all list readers, I am sort of anti-kit guy, I do prefer designing and then etching my own PCBs and then populating them. When I do so I keep a copy of the schematic and PCB component layout with me and then proceed in height order, i.e., lower pitched parts first. That means I would mount small diodes (signal, zener) in horizontal position first, then I would mount the horizontal resistors, the rectifier diodes, i.c. sockets, ceramic capacitors, vertical diodes, vertical resistors (I never use vertical resistors nor diodes in my own designed boards, but have done in the few kits I have here), small transistors, electrolytic capacitors and finally coils and transformers and power transistors and I.C.s that are usually the biggest guys. Finally I put the smaller I.C. in their sockets and power it for the smoke test and alignment. When I built my SW40+ I started following the manual but soon ended using my traditional method... and it performs nicely. Hope this lines help Nancy and/or anybody in the list...

By the way, I finally upgraded to general (i.e. full priviledges) class (I am now EA5CHQ) so I can play 20 meters now. I will take skeds on any band and frequency from 40 meters upwards except WARC bands (30, 17, 12) as I have no rigs for that ones yet. Hope to meet you all on the air.

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1
46460 Silla
SPAIN

Tel.: +034 96 120 17 67
Movil: 651 35 35 11

Date: Wed, 20 Jun 2001 14:34:10 -0700
From: "Casey L. Ray" <clray@usc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100590] The Field Day Fiasco

Message-ID: <3B3116D2.F071D7B0@usc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

The Field Day Fiasco

I remember being really excited for my first Field Day event. I had already gone to a few of the local Amateur Radio club meetings shortly after receiving my license, KF700L, and was all fired up for the event. Chuck, the club's president invited me to come and help out. They had about 200 members, and many of them were going to be at Field Day this year, just as always. I was ecstatic!

Finally the big day had arrived. It was Field Day! I was so sleepy that I could hardly get any rest the night before, but was ready to do the whole 24 hours just the same. I went and picked up Willy, one of the senior club members whose car was in the shop and needed a lift. No problem, I had room to spare, and he knew the way to the site, some 50 miles away. I drove out to the annual Field Day site with great enthusiasm, so much so that I got two speeding tickets on the way there. It would have been three, but I didn't want to be late, so I outran the last state trooper to get there. Not an easy feat in a small Toyota truck, but I managed... Willy kind of freaked out when I did that, and was unable to speak once we arrived at the site (thankfully he had a map to the site in his front shirt pocket or I would have never found the site!)

I got to the parking lot that the club had set up for Field Day, and quickly pulled behind a nice new yellow Corvette. My emergency brake never has worked right, but I figured that I could block up the tires of my truck well enough to where nothing would happen. Looking back upon it, I guess I should have no parked on the little hill, as my truck did start to roll forward as soon as I got out of it, but that Corvette managed to stop the sudden

forward motion of my truck, really fast! I was glad, as Willy was still in it. I wouldn't want anything bad to happen to Willy

I went over and asked some club members to help me get Willy out of my Toyota. They were a little concerned with his condition upon seeing him, pale, sweating, hands shaking and all. This was really too bad, as Willy was one of the clubs best CW operators. He was unable to compete and had to be taken home. I guess that Willy wasn't much for long drives

Ted, Willy's younger brother, must have been in one too many Field Day events, as he pulled out of the operation after finding out that someone had carelessly ran into his Corvette. It was some Toyota truck I was told. I guess my truck is a popular make. I wonder who could have been such a careless driver to this day... Quite the coincidence in vehicle makes if you ask me. I was dismayed at such a lack of dedication on Ted's behalf however. After all, a car is a car is a car, and I was sure that Willy would recover nicely.

Anyway, after a little while I met Bob, one of the 80-meter CW & 40-meter SSB operators and club treasurer, who welcomed my offer to help, and asked me if I could get some rope to help him better secure one of the supports for his dipole for 80-meters, as the wind was kicking up a bit. I said no problem and proceeded to my truck. Imagine my good fortune, as on the way to my truck I found some rope! No need to walk all that distance back up to the parking area. The rope was tied to a nice piece of wood that was stuck in the ground at an awkward angle, but I managed to get it untied and gave it a good yank.

As I was walking back from my great rope find one of the operators on 15-meter CW had something horrible happen! His tent collapsed suddenly upon him and his operating station. He was quite shaken by the event, and it also

ended the club's 15-meter station operation. This was very unfortunate for the club. Later, someone said that one of the ropes tied to a tent stake got cut loose from the stake and a gust of wind came along and caused the tent to capsize. Odd, you would have thought that such a well-prepared Amateur Radio club such as this would have made sure that the tent was fastened securely

Later on that evening the club had its annual Field Day barbecue. Great, I was very hungry at this point. I walked up and offered my assistance in getting the fire started. Bob said that I could get the campfire going. So I went and put the wood in the place they had set up for the campfire. The only problem was that the wood had gotten wet from a rainstorm the night before. I came up with a quick solution for this however, and went over to the generator and got a five-gallon gas can. Nothing starts a fire quite like good ol' gasoline! I just knew that the club members would be pleased with my effort in getting the fire started once they came over and saw a roaring campfire!

The wood was pretty wet, so I poured on about a gallon of gas or so. Then I figured, you know, this wood is awfully wet, the logs are pretty thick, and I really need to get this fire blazing for the barbecue. So I poured the rest of the can on the wood. I decided to wait a bit before lighting the fire, as I wanted the gasoline to soak in real good. I walked back to the generator and placed the empty gas can where I found it.

On my way back to the campfire I suddenly saw a huge ball of fire shoot way up into the air along with what sounded like an explosion! Oh what bad luck the club is having this year, I thought. I heard all sorts of yelling and screaming on my hurried trek to the campfire. As it turns out Bob had tossed a match onto the wet wood, after putting a little bit of lighter fluid on it to help get it started. He lost his eyebrows, his callsign cap, and his new

ARRL Field Day shirt in the event. I guess Bob didn't know the dangers of putting too much lighter fluid on a campfire

Joe, our clubs vice-president, asked me if I could help out with running Bob's 40-meter SSB station. I eagerly jumped at the chance. In fact, I was

so eager that I tripped over a few large solar panels, breaking them up pretty badly. Nothing a little glue here and there couldn't fix I thought.

However, this really angered Joe, and he told me that the club would be better off if I went out and did something called "Snipe Hunting". So he sent me out into the woods with a nice wooden tent stake from the now ruined

15-meter CW station to go and kill a Snipe. Now I've been Snipe hunting before, but have never to this day seen one, much less killed one. And the

odd thing about going Snipe hunting is that when you get back to where you

started from all of your hunting buddies are always gone. So I only went out

for a couple of hours to assure I would be back and ready to operate the night shift. I never did find any Snipes that night either. Boy, they sure

are elusive creatures

Sometime during the middle of the night the generator quit running. All the

stations shut down as the generator died. It had run out of gas, and Joe got

all worked up once he found that the gas can was empty. I was amazed at how

unprepared the club really was for this years Field Day Joe, seeing that I

had returned from Snipe hunting asked me to get some more gas for the generator. I couldn't make out what he was saying at first because I was so

far away, but he was pointing to me, and it sounded like he was saying; "Steven that ool can't screw this up", or something to that effect. I was

impressed that he remembered the last three of my call letters, not to mention his faith in my abilities. I think that by this time I really had

made an impression on Joe

Joe must have wanted Steve, the club's secretary to take a lesson from me,

as he said for him to go and watch everything that I did, and to make

sure
that nothing got screwed up by some fool. I'm not sure why Joe was
worried
about some "fool" messing things up, as this club was supposed to be a
top-notch group of guys, and I didn't think that any "fool" would try to
interfere with us... Anyway, I grabbed the two nearest five-gallon cans
and
took them to my Toyota and proceeded out, along with Steve riding
shotgun.

The gas station was a good ways away, but I managed to shave off a few
minutes by making a quick detour down one of the older roads in the
area. I
guess that Steve wasn't as dedicated to Field Day as I had thought,
because
when we came to a sign that said; "bridge out", he protested my
suggestion
that we jump the bridge. I knew that I could do it; my trusty rusty
Toyota
had made this sort of thing before... Well we made the jump; it was only
30
feet or so across, and about 150 feet down. No problem! Steve must have
been
really tired; as he apparently passed out from what I figured was
exhaustion
about the time we went airborne. So I dropped him off at the gas station
after filling the cans with gasoline and headed back to the clubs Field
Day
site. Just like I figured, Steve just wasn't that dedicated to Field
Day

Upon my arrival back at the Field Day site Joe seemed a bit irritated,
as
Steve wasn't with me. I explained to him that Steve just couldn't handle
the
stress of the event and fell asleep. I think that Joe was pretty upset
with
Steve, as he kept mumbling and kicking dirt around for a while. At least
he
was happy to see that I had brought the two five-gallon gas cans back.

Now we were full into the night shift. Joe, somewhat reluctantly told me
that I could run the 40-meter station. I could hardly wait! I had no
problem
with solar panels this time, as they were all broken and piled up next
to
the trashcan. I guess that Joe figured they were now useless do to it
being

nighttime and all

I hurried into the tent to make my very first Field Day contacts on 40-meter SSB. Once inside, I quickly fired up the radio, a nice one at that a Yaesu FT-1000D. I saw that the mike gain wasn't adjusted properly, so I turned it all the way up and punched the processor button. I started tuning the amplifier, and then realized that I could get more power out of it if I just kept increasing the drive power, and tweaking the load and plate controls. I did this for a while and it was a good thing, as every time that I would un-key, I heard operators complaining about some idiot who was constantly tuning up on the frequency. Odd, I never heard him... I guess I was lucky. So I continued to tune up the amplifier. Then yet another problem arose! The amplifier, which had worked very well up until this point, had a very sharp decrease in power, and smoke started coming out of it. I grabbed a cup of coffee to pour into the small fire in the amplifier, but missed, and it went down into the Yaesu FT-1000D. Then the Yaesu made a few arcing noises and quit. I guess they just don't make radios like they used to

Well I couldn't get the fire under control, and had to bail out of the tent, and it went up in flames. It managed to catch the 10-meter tent on fire too. Good thing the band was dead and the club wasn't using the tent for the night shift. However, I knew that this was going to hurt the club's chances at another good score for this year's Field Day.

We nearly had lost the 6-meter station that Mike, the club's VHF guru was running. It seems in my haste to help put the fire out I tripped over a guy wire, causing me to fall into a table, which broke my fall nicely. I might add, but it did knock over a five gallon jug of ice water, right onto Mike. This was too bad, as I could have used it to help put out the fire. But at

least it did wake Mike up, albeit rather suddenly from a sound sleep.

Joe, after being woke up suddenly when the tent he was sleeping in caught fire (the 10-meter setup), was once again, pretty upset to say the least. I tried to explain how the amplifier malfunctioned and that the Yaesu was just a junky piece of plastic, now melted anyway, but Joe didn't seem to care too much for what I had to say. He really needed some psychological treatment I figured, as he rushed at me, screaming, yelling, and swinging a vertical antenna he had yanked up out of the ground at me. I guess the several accidents at this year's Field Day and the stress of operating for so many years had really taken its toll on Joe

It took the club a good while to get the fire out, and once it was out, the club had lost not only their 15-meter station, but now the 40-meter and 10-meter stations as well. This was most disturbing. It was just getting to be daylight too.

After the fire was put out, I decided to go over and offer my assistance to Mike, with the 6-meter station he was operating. Well as soon as Mike saw me coming he started yelling for me to go away and threw a folding chair at me. I guess that Mike wasn't much of a morning person

Well even though quite a few of the club members seemed to have lost their zest for this year's Field Day I sure hadn't, and I went over to the 20-meter station, ran by Sam. Sam was a ham's ham, a real DX expert. I asked Sam if I could help him out, and he told me that I could do the logging for him. Great, as this was finally my chance to put some contacts down for the club. However, after only about five minutes or so, Sam told me rather bluntly to leave his operating position, as he was getting very annoyed at me and my yelling "Yeah, way to go Sam!" after each contact he made. Gee, I was only trying to cheer him on

Undaunted, I went over to the breakfast table to catch a bite to eat. I figured that Sam would need my assistance again after I had eaten. Perhaps then he would have regained his enthusiasm for this year's Field Day. On my way back from breakfast I nearly tripped over some coax cable that was carelessly lying on the ground. With the condition that many of the club members were in at this point I figured that it would be best for me to move it, before someone had another accident. So I gave the coax a good yank. At precisely that same moment however, there must have been a huge gust of wind, because Mike's 6-meter radio suddenly flew right off of his operating table, smashing into the ground! So much for the club's VHF station operation... Boy was the club ever having bad luck this year. Well, at least I did avert any accidents by moving that coax

I continued on to Sam's 20-meter operating position, he had Joe, who seemed a bit calmer now, logging for him. I didn't want to further upset Joe or bother Sam, so I tried to stay quiet. I noticed that their 30-foot tower that they had erected was swaying a bit in the wind, so I went and got my truck and tied a guy wire to the end of it and secured their tower to my bumper.

Sam and Joe were doing great at this point and both got ecstatic when a P5 came on frequency and responded to their call. Then I noticed that someone hadn't taped up a coax connector for the station they were operating. Wow, I would hate to have seen them lose a contact or have another malfunction, so I quickly un-did the connector on the coax cable, to clean it, then fastened it back up and taped it up.

It really was too bad that Sam couldn't ever get that P5 to come back again... I don't know what happened, and neither did they. Before Sam and the P5 could exchange signal reports their HF radio quit receiving suddenly for a minute. We never could figure out what caused it. It really wasn't a

good way to end Field Day, and just made this year's event the club's worst ever. The club members claimed that a curse had befallen them this year, and I was beginning to agree at this point.

I felt bad for the club, and I did have to leave a little early, as I had some yard work that needed to get done, so I offered to drive anyone home who needed a lift, but no one took me up on it. Some of them must really be into physical fitness, as more than one of them said that they would rather walk home. I left about an hour early, while Sam and Joe were still trying to get that P5 back and make some more contacts before Field Day was officially over. So it was a long lonely drive home for me. However, an odd thing happened to me I noticed when I got home that I had three 10-foot sections of tower tied behind my truck! Wow, this was very fortunate for me, as I needed a tower. Maybe one of the club members thoroughly appreciated my efforts helping out at Field Day this year, and decided to give me the tower sections as a surprise

Oh well, as they say, there's always next year! And boy, I can hardly wait to help out with the club next year at Field Day! I'm already looking forward to it. I plan to be much more helpful too

73 - I hope you enjoyed this as much as I did writing it. Clinton AB7RG

Date: Wed, 20 Jun 2001 17:55:34 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100591] FD computer logging/keying question
Message-ID: <003b01c0f9d3\$bcac5480\$2bd179a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As I scramble to prepare for our club's splinter group QRP FD outing with K2, 817, Index, etc., a possible problem occurred to me.

If you are operating FD with some sort of non-commercial power, I know it is legal to log with computers which are using commercial power. However, what about these software packages which combine logging with CW sending (QRPDupe, WR9R, etc.)? If you had a computer doing logging and a separate iambic keyer doing the sending, the keyer would have to be operating off non-commercial power, wouldn't it? That being the case, wouldn't it technically be cheating to use a commercially powered computer to do the sending while it logs?

My club's name shall remain anonymous until I have a clear ruling. :)

Thanks.

Dave K8TRF

Date: Wed, 20 Jun 2001 17:03:36 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [100592] 5A0HV QSL route? (also ducks and foxen)
Message-ID: <200106202203.SAA17711@granger.mail.mindspring.net>

Yes, this is a QRP question, at least in as much as it was a QRP contact (4 w. at my end.) I worked 5A0HV in the 10 meter contest last December. The buro doesn't handle cards for Libya, and the usual lists still haven't produced an address or QSL manager. Does anyone know if this was a legit station and if so, how to QSL?

With respect to ducks and foxes, I thought Elmer was a "wabbit" hunter. I don't remember him hunting ducks. If you combine foxes and ducks, doesn't there have to be a river and a sack of corn? (Maybe I'd better "duck"?)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Wed, 20 Jun 2001 17:57:13 -0400
From: Bruce Muscolino <w6toy@erols.com>

To: crmabbott@mediaone.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100593] Re: Digital Pictures
Message-ID: <3B311C39.27A01D43@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Charles,

I might also note that a self timer is helpful in trying to get sharp pictures at slow shutter speeds! You can put the camera on a tripod and then set the self timer. The delay between pushing the shutter button and the actual firing of the shutter will let the camera stabilize.

73

Date: Wed, 20 Jun 2001 22:09:40 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100594] 2N2222 receiver
Message-ID: <F95kjgJKVApw0LZCHus0001f902@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I once saw a page about a design contest winning receiver that used (22?) 2N2222 transistors, and no integrated circuits...now I can't find it...can anyone help?

Thanks...Del, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 20 Jun 2001 15:25:23 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: ad6we@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100595] Re: 2N2222 receiver
Message-ID: <3B3122D3.DB7AF8EA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Delbert Long wrote:

>

> I once saw a page about a design contest winning receiver that used (22?)
> 2N2222 transistors, and no integrated circuits...now I can't find it...can
> anyone help?
>

Look for 2N2/40 here: <http://www.qsl.net/k8iqy/>

Phil W70X

Date: Wed, 20 Jun 2001 16:27:51 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: <ad6we@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100596] Re: 2N2222 receiver
Message-ID: <009601c0f9d8\$3ed39640\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I believe you are asking about the 2n2222/40 by Jim, K8IQY

More information can be found here:

<http://www.qsl.net/k8iqy/>

73, Rod N0RC
Ft Collins, CO

 SuperFest 2001 14-Jul-2001
 <http://www.qsl.net/n0rc/hamfest/hamfest.html>
 BE THERE!

----- Original Message -----

From: "Delbert Long" <ad6we@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, June 20, 2001 4:09 PM
Subject: 2N2222 receiver

> I once saw a page about a design contest winning receiver that used
(22?)
> 2N2222 transistors, and no integrated circuits...now I can't find
it...can
> anyone help?
>
> Thanks...Del, AD6WE
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>

Date: Wed, 20 Jun 2001 17:27:36 -0400
From: Michael Neverdosky <michaeln@cfl.rr.com>
To: qrp-l@Lehigh.EDU
Subject: [100597] Re: Digital Pictures
Message-ID: <5.1.0.14.0.20010620171400.00a16d90@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:27 PM 06/19/2001, you wrote:

>The debate between digital cameras and "real" cameras is much
>like the debate between the Internet and CW.

And just as silly.

For pictures that will be displayed on a CRT there is absolutely no
need or use for the resolution of even a poor film.
There is also rarely a need for more than 640x480 if the pics are
for web use.

Good lighting, good composition and choosing the right compression
system are the keys to good pics online.
Tip, use gif for line art and schematics.

michael AMA 77292 N6CHV

Date: Wed, 20 Jun 2001 18:33:14 -0400
From: Dave Fouchey <dafouchey@home.com>
To: rules@bellsouth.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100598] Re: Digital Pictures

Message-ID: <4.1.20010620182758.00963e60@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:14 AM 6/20/2001 -0500, Randall Jouett wrote:

>
>Hey Bruce,
>
>BTW, does anyone know if the main-stream telescope
>world is playing with CCD scopes? I know that the
>scientific world has been playing around with them
>for years, but I'm wondering if the technology is starting
>to be affordable and is being used by the amateur-astronomer
>community?
>
>

>Randy
In a word yes, check out either Sky and Telescope or Astronomy magazines
for instance, they are being used rather extensively.

Don't get me wrong I love the new gadgets, my Olympus 490Z is a neat little
camera, but I still love the older 35mm film cameras when I want nice crisp
photos.

73's
Dave

WA4EMR/8 amateur Radio, Astronomy & Photography nut...my wife says my hobby
is collecting hobbies, she may be right!

Date: Wed, 20 Jun 2001 17:39:20 -0500
From: "Jim" <sunwatt@starband.net>
To: <qrp@yahoogroups.com>, "QRP-L" <qrp-L@Lehigh.edu>
Subject: [100599] Milliwatt Field Day & QRP Dupe Logger
Message-ID: <000b01c0f9d9\$e54074c0\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm adding the info I have on this weekends milliwatt Field Day. Be sure to
lower your power to less than one watt and join the fun. Maybe get mW WAS in
one weekend? It can be done.

At least 5w WAS in one weekend. Sound like a good time?

Hope we have a great turn out of all QRP'ers for field day, be ye at home on the regular antenna, the back yard, park, beach, or at an organized FD event.

Extreme QRP'ers (milliwatt'ers) will be beeping away, with 900mW or less.

I'll be using the QRP Dupe program. Its not been 100% tested but I think it'll be fine anyway. Just faith I suppose.

Get a free copy of QRP Dupe at <http://www.dancris.com/~bkassel/index.htm#top>

Hope to hear lots of /QRPP in the contest!

72's de Jim KJ5TF

"All Milliwatts, All The Time"

=====

ARCI Milliwatt Field Day: 1800Z, Jun 23 to 2100Z, Jun 24

Mode: Phone and CW

Bands: All, except 30, 17, 12m

Classes: 1W/1 Op, 1W/2 Ops, 5W/1 Op, 5W/2 Ops, Club

Exchange: ARRL Field Day Operating class + ARRL/RAC section

Submit logs by: July 24, 2001

E-mail logs to: rfoltz@turbonet.com

Mail logs to: Randy Foltz, K7TQ

Attn: Milliwatt Field Day

809 Leigh St.

Moscow, ID 83843

USA

Find rules at: <http://personal.palouse.net/rfoltz/arci/mwfd.htm>

Date: Wed, 20 Jun 2001 17:42:31 -0500

From: "George, W5YR" <w5yr@att.net>

To: ec5aca@wanadoo.es

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100600] Re: is there a best way to start building a kit?

Message-ID: <3B3126D7.BA11ED1D@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Juanjo, sure hope to hear you on our Summer Fox Hunts starting GMT June 29 at 0200Z around 14,060.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Juan Jos Pastor Estornell wrote:

>

> Hello to everybody.

> By the way, I finally upgraded to general (i.e. full priviledges)
> class (I am now EA5CHQ) so I can play 20 meters now. I will take skeds
> on any band and frequency from 40 meters upwards except WARC bands
> (30, 17, 12) as I have no rigs for that ones yet. Hope to meet you all
> on the air.

Date: Wed, 20 Jun 2001 15:50:53 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [100601] Re: 5A0HV QSL route? (also ducks and foxen)
Message-ID: <20010620155053.B13352@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Jun 20, 2001 at 05:03:36PM -0500, Gary Lee Phillips wrote:
> Yes, this is a QRP question, at least in as much as it was a QRP
> contact (4 w. at my end.) I worked 5A0HV in the 10 meter contest
> last December. The buro doesn't handle cards for Libya, and the
> usual lists still haven't produced an address or QSL manager. Does
> anyone know if this was a legit station and if so, how to QSL?
>

The only recent 5A other than 5A1A that I am aware of was 5A24PA in
March 2001. Are you sure you didn't work HA0HV?

End of QRP-L Digest 2226

